

Appln. No. 10/720,782  
Amendment dated December 31, 2007  
Reply to Office Action mailed October 30, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims** (deleted text being struck through and added text being underlined):

1. (Original) A method for optimizing device performance, comprising:  
determining an operating system type;  
saving the operating system type in a data recorder; and  
loading a firmware module based on the saved type.
2. (Previously Presented) The method as described in claim 1, wherein the determining step comprises comparing at least one of the date, time and number of bytes of a common file of the operating system.
3. (Previously Presented) The method as described in claim 1, further comprising saving the operating system type in a specific address.
4. (Previously Presented) The method as described in claim 3, wherein a current pointer indicates the specific address of the specific operating system type.
5. (Original) The method as described in claim 4, further comprising incrementing the current pointer to describe changes in the operating system.
6. (Previously Presented) The method as described in claim 4, further including a second pointer to state which module to load for a specific operating system.

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7. (Original) A program of instructions storable on a medium readable by an information handling system for causing the information handling system to execute steps for optimizing device performance, the steps comprising:

determining an operating system type;  
saving the operating system type in a data recorder,  
loading firmware module based on the saved type.

8. (Previously Presented) The method as described in claim 7, wherein the determining step comprises comparing at least one of the date, time and number of bytes of a common files of the operating system.

9. (Previously Presented) The method as described in claim 7, further comprising saving the operating system type in a specific address.

10. (Previously Presented) The method as described in claim 9, wherein a current pointer indicates the specific address of the specific operating system type.

11. (Previously Presented) The method as described in claim 10, further comprising incrementing the current pointer to describe changes in the operating system.

12. (Previously Presented) The program of instructions as described in claim 10, further including a second pointer to state which module to load for a specific operating system.

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13. (Original) An information handling system, comprising;  
a processor for executing a program of instructions on the information handling system;

a memory coupled to the processor for storing the program of instructions executable by said processor;

a device coupled to the processor; and

a data recorder coupled to the device;

wherein the program of instructions configures the information handling system to determine an operating system type, save the operating system type to the data recorder, and load a firmware module based on the saved type.

14. (Previously Presented) The information handling system as described in claim 13, wherein the information handling system determines the operating system by comparing at least one of the date, time and number of bytes of a common file of the operating system.

15. (Previously Presented) The information handling system as described in claim 13, further comprising saving the operating system type in a specific address.

16. (Previously Presented) The information handling system as described in claim 15, wherein a current pointer indicates the specific address of the specific operating system type.

17. (Original) The information handling system as described in claim 16, further comprising incrementing the current pointer to describe changes in the operating system.

18. (Previously Presented) The information handling system as described in claim 16, further including a second pointer to state which module to load for a specific operating system.

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19. through 30. (Cancelled)

31. (Previously presented) The method as described in claim 1, additionally comprising providing a device with a data recorder.

32. (Previously presented) The method as described in claim 1, additionally comprising selecting a firmware module from a plurality of firmware modules based upon the operating system type saved in the data recorder.

33. (Currently Amended) The method as described in claim 1, wherein the device ~~is~~ includes a disk drive.

34. (Previously presented) The method as described in claim 33, wherein the data recorder comprises a memory incorporated with the disk drive.

35. (Previously presented) The method as described in claim 1, wherein the data recorder is incorporated into the device.

36. (Previously presented) The method as described in claim 35, wherein the data recorder is removable from the device.

37. (Previously presented) The method as described in claim 1, wherein the data recorder comprises a memory with diagnostic information for the device stored thereon.